

Date Opened: 01 August 2013

Job #: 827  
Project: Dart Long Step Conversion  
Type: Eurocopter AS350/AS355

Approval: SH09-38  
Drawing List: DCL827-13, Rev. 5

<u>Fabrication and Assembly Drawing(s)</u>	<u>Description</u>
82780, Rev. 0	Bracket
82781, Rev. 0	Cap

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u>
Document Control List revision level matches (or exceeds) STC:	<u>Y</u>
Drawings revision levels match Document Control List:	<u>Y</u>
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u>
Tests and inspections specifically called out on drawings are complete:	<u>Y</u>
Release tags associated with all fabricated parts are attached:	<u>Y</u>
All mounting hardware and supplies are included:	<u>Y</u>

List all non-conformities raised: \_\_\_\_\_

Inspector Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Drawing: 82780 Revision 0; 82781 Revision 0  
Assembly: 82780-01 Bracket; 82781-01 Cap  
Batch Quantity: 20 sets

Qty	Part #	Description	Material	P.O./W.O.	Checked
20	82780-01	Bracket	1x3 6061-T6 Aluminum Bar	11047	
20	82781-01	Cap	1x3 6061-T6 Aluminum Bar	11047	
60	CR3212-04-04	CherryMax Rivet			

Processes	Per	Mat'ls Used	Initials
Anodizing	MIL-A-8625F, Type III		
Final Inspection			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Jay Bird Hel.

**Aero Design**  
Parts Distribution Sheet



WO#

From PO or WO #	Quantity	Description	Part Number	For WO #
2013-34	1	GRACKET	82780-01	
2013-34	1	CAP	82781-01	
2015-94	1	CAMP ASSY	78620-01	
14018	1	BOLT	AN4-4A	
14064	1	WASHER	NAS1149FO432P	
13006	4	RIVET	CR33212-4-04	
2012-25	1	STEP ASSEMBLY	82716-01	
15075	4	STUD FILLING	96710-01	
15074	8	WASHER	NAS1149FO663P	
15066	2	GRIP TAPE	3N safety wrap	

**Aero Design Ltd.**  
9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1  
PN: 82780-01  
Aircraft: Eurocopter  
Description: Dart Long Conversion  
Supplier: Aero Design  
Color: N/A  
WO#: 2013-34

Model: AS350



**Aero Design Ltd.**  
9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1  
PN: 82781-01  
Aircraft: Eurocopter  
Description: Cap, Long Dart Step, Current Profile  
Supplier: Aero Design Ltd.  
Color: Clear  
WO#: 2013-34

PO#: N/A

Rev. Original 27 May 2013



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82781-01

Alt: N/A

Aircraft: Eurocopter

Model:

AS350

Description: Cap, Long Dart Step, Current Profile

Supplier: Aero Design Ltd.

Color: Clear

WO#: 2013-34

PO#: N/A



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82780-01

Aircraft:

Eurocopter

Model: AS350

Description:

Dart Long Conversion

Supplier:

Aero Design

Color:

N/A

WO#:

2013-34

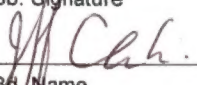
PO# N/A





## WO# \_\_\_\_\_

Approved Manufacturing Facility 73-04

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2016-0185</b>	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket Cap	82780-01	1	N/A	New	
2.		82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12.  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>29 Sept 2016</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

AIRBUS HELICOPTERS



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

WO#: 2013-34

PO# N/A







# **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A

Aero Design Ltd.

## Aero Design

### Parts Distribution Sheet

AS350 DART SHG JC. LONGS CONV.

AIR BUS HELI

29 SEPT 2016

WO# 2013-34

[illegible]

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2017-0103</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Bracket	82780-01	1	N/A	New
2.	Cap	82781-01	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12.  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  <b>AD 73-04 02</b>		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mm/yyyy) <b>01 Mar 2017</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

*AIRBUS HELICOPTERS*



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

**Quantity:** 1

**PN:** 82780-01

**Aircraft:** Eurocopter

**AS350**

**Description:** Dart Long Conversion

**Supplier:** Aero Design

**Color:** N/A

**WO#:** 2013-34

**Model:**

**PO# N/A**





[illegible]

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2017-0139</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Bracket	82780-01	1	N/A	New
2.	Cap	82781-01	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 	73-04 02	13c. Approved Organization Number <b>AMF 73-04</b>	14b. Signature	14c. Approved Organization Number	
13d. Name <b>Jeff Clarke - AD02</b>	13e. Date (dd/mmm/yyyy) <b>11 Apr 2017</b>	14d. Name	14e. Date (dd/mmm/yyyy)		
<b>Installer Responsibilities</b>					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

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**Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A

**Aero Design Ltd.**



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82780-01

Aircraft:

Eurocopter

Model:

AS350

Description:

Dart Long Conversion

Supplier:

Aero Design

Color:

N/A

WO#:

2013-34


PO# N/A

A

A/C or Part PART LONG CONVERSION  
Work Order # 2013-34  
Date 11 APR 2017

[illegible]



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2016-0038</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Bracket	82780-01	1	N/A	New
2.	Cap	82781-01	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mm/yyyy) <b>04 May 2016</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<b>Installer Responsibilities</b>					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

ROBERTS AIR CRAFT



**AERO DESIGN LTD.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A

**Aero Design Ltd**



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

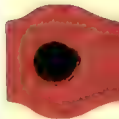
Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

WO#: 2013-34

PO# N/A



04 MAY 2016



Description: AS350 LONG DART STEP

WO# 2013-34

[illegible]



**AERO DESIGN LTD.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82781-01

Alt: N/A

Aircraft: Eurocopter

Model:

AS350

Description: Cap, Long Dart Step, Current Profile

Supplier: Aero Design Ltd.

Color: Clear

WO#: 2013-34

PO#: N/A





## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

**Quantity:** 1

**PN:** 82780-01

**Aircraft:** Eurocopter

**Model:** AS350

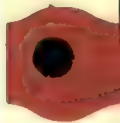
**Description:** Dart Long Conversion


**Supplier:** Aero Design

**Color:** N/A

**WO#:** 2013-34

**PO#** N/A



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No. <b>2016-0027</b>	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	1	N/A	New	
2.	Cap	82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				<del>           14a. <input type="checkbox"/> CAR 571.10 Maintenance Release   <input type="checkbox"/> Other regulation specified in block 12.             Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.         </del>		
13b. Signature 		13c. Approved Organization Number <b>AD 73-04 02</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>28 April 2016</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<b>Installer Responsibilities</b>  This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.  Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

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Description: CLAMP ASSY AS350

WO# \_\_\_\_\_

[illegible]

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2017-0362</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Bracket	82780-01	1	N/A	New
2.	Cap	82781-01	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature	AD 73-04 02	13c. Approved Organization Number	14b. Signature	14c. Approved Organization Number	
13d. Name		13e. Date (dd/mm/yyyy)	14d. Name	14e. Date (dd/mm/yyyy)	
Jeff Clarke - AD02		21 Sep 2017			
<b>Installer Responsibilities</b>					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

AIRBUS HELICOPTERS



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82781-01

Alt: N/A

Aircraft: Eurocopter

Model:

AS350

Description: Cap, Long Dart Step, Current Profile

Supplier: Aero Design Ltd.

Color: Clear

WO#: 2013-34

PO#: N/A

Aero Design Ltd.





## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

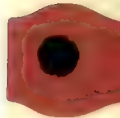
Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

WO#: 2013-34

PO# N/A



WO# 213-34

[illegible]

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2017-0179</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Bracket	82780-01	1	N/A	New
2.	Cap	82781-01	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.					
13b. Signature <i>Jeff Clarke</i>	73-04 02	13c. Approved Organization Number <b>AMF 73-04</b>	14b. Signature	14c. Approved Organization Number	
13d. Name <b>Jeff Clarke - AD02</b>	13e. Date (dd/mm/yyyy) <b>11 May 2017</b>	14d. Name	14e. Date (dd/mm/yyyy)		
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

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## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

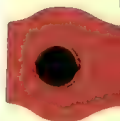
Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

WO#: 2013-34

PO# N/A





**Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82781-01

Alt: N/A

Aircraft: Eurocopter

Model:

AS350

Description: Cap, Long Dart Step, Current Profile

Supplier: Aero Design Ltd.

Color: Clear

WO#: 2013-34

PO#: N/A



11 MAY 2017

WO# 2013-34

14018



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2017-0468</b>	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item <b>1.</b>	7. Description <b>Cap</b>	8. Part Number <b>82781-01</b>	9. Qty. <b>1</b>	10. Serial/Batch No. <b>NSN</b>	11. Status/Work <b>New</b>	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i> <b>AD 73-04 02</b>		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>11 Dec 2017</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

*Repaircraft Nelson*

11 Dec 2017



WO# 2013-34

Approved Manufacturing Facility 73-04

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2017-0274</b>	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	1	N/A	New	
2.	Cap	82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i> 73-04 02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mm/yyyy) <b>14 July 2017</b>		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

WO#: 2013-34

PO# N/A





**Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A

**Aero Design Ltd.**




WO#

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. <b>2016-0217</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	Bracket	82780-01	1	N/A	New
2.	Cap	82781-01	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12.  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>11 Nov 2016</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<b>Installer Responsibilities</b>					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

**AIRBUS HELICOPTERS**





## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Description: Dart Long Conversion

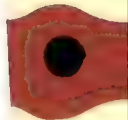
Supplier: Aero Design

Color: N/A

WO#: 2013-34

Model: AS350

PO# N/A





## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Aircraft:

Eurocopter

Alt:

N/A

AS350

Model:

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A


## Aero Design

### Parts Distribution Sheet

Description: AS350 Long Dart Step Conversion

WO# \_\_\_\_\_

[illegible]

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No. <b>2016-0222</b>	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	1	N/A	New	
2.	Cap	82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>11 Nov 2016</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

*AIRBUS HELICOPTERS*



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC

V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

WO#: 2013-34

PO# N/A





## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A

## Aero Design

### Parts Distribution Sheet

Description: AS350 Long Dart Step Conversion

WO# \_\_\_\_\_

[illegible]





## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: CAP No. of pieces: 20

Manufacturer: AERO DESIGN

Part No.: 82731-01 Serial / Batch No.: PD 11047 (3x1 (611))

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-34

Remaining Tasks to be Performed: MACHINING, FINISHING

Signature: Jff Chh.

Date: 06 AUG 2013 Lic. No. / ACA

In Process



**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

**AMF 73-04**

**Remarks**

**In Process**

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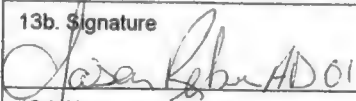
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1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2013-34	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	3	N/A	New	
2.	Cap	82781-01	3			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				<del>           14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12            Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.         </del>		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jason Rekve - AD01		13e. Date (dd/mmm/yyyy) 03 Sep 2013		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

LAKE

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.		11. Status/Work
1.	Bracket	82780-01	1	N/A		New
2.	Cap	82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12.  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke AD02</i>		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>11 May 2015</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Heu Huskova



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82780-01

Aircraft:

Eurocopter

Model:

AS350

Description:

Dart Long Conversion

Supplier:

Aero Design

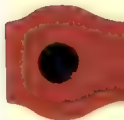
Color:

N/A

Part #:

7012-2A

PN# N/A





# Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Aircraft:

Eurocopter

Alt:

N/A

AS350

Model:

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	1	N/A	New	
2.	Cap	82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i> AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mm/yyyy) <b>08 Apr 2015</b>		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	1	N/A	New	
2.	Cap	82781-01	1			

12. Remarks

13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.		14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.	
13b. Signature <i>Jeff Clarke</i>	13c. Approved Organization Number <b>AMF 73-04</b>	14b. Signature	14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>	13e. Date (dd/mmm/yyyy) <b>06 July 2015</b>	14d. Name	14e. Date (dd/mmm/yyyy)

**Installer Responsibilities**

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

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## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

**Quantity:**

1

**PN:**

82780-01

**Aircraft:**

Eurocopter

**Model:**

AS350

**Description:**

Dart Long Conversion

**Supplier:**

Aero Design

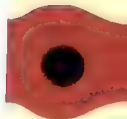
**Color:**

N/A

**WO#:**

2013-34

**PO# N/A**





## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82780-01

Aircraft: Eurocopter

Model:

AS350

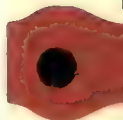
Description: Dart Long Conversion

Supplier: Aero Design

Color: N/A

QTY# 2012-24

PN# N/A





## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:


Clear

WO#:

2013-34

PO#:

N/A

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Cap	82781-01	1	N/A	New	
2.	Bracket	82780-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature		13c. Approved Organization Number		14b. Signature		14c. Approved Organization Number
 Jeff Clarke - AD02		AMF 73-04				
13d. Name		13e. Date (dd/mm/yyyy)		14d. Name		14e. Date (dd/mm/yyyy)
Jeff Clarke - AD02		22 June 2015				
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Heliquiser



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

82781-01

Alt:

N/A

Aircraft:

Eurocopter

Model:

AS350

Description:

Cap, Long Dart Step, Current Profile

Supplier:

Aero Design Ltd.

Color:

Clear

WO#:

2013-34

PO#:

N/A





## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

**Quantity:** 1

**PN:** 82780-01

**Aircraft:** Eurocopter

**Model:** AS350

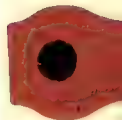
**Description:** Dart Long Conversion


**Supplier:** Aero Design

**Color:** N/A

**WO#:** 2013-34

**PO#** N/A



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-34</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Bracket	82780-01	1	N/A	New	
2.	Cap	82781-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.				<del>           14a. <input type="checkbox"/> CAR 571.10 Maintenance Release   <input type="checkbox"/> Other regulation specified in block 12             Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.         </del>		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>23 Sep 2014</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Cap itale



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

**Quantity:**

1

**PN:**

82780-01

**Aircraft:**

Eurocopter

**Model:**

AS350

**Description:**

Dart Long Conversion

**Supplier:**

Aero Design

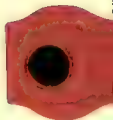
**Color:**

N/A

**WO#:**

2013-34

**PO# N/A**



## **CARGO BASKET LID FABRICATION - COMMON**

2014-34

### **General**

Bell 206L/407 XL ski

These instructions apply to all cargo basket lid assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

#### **Bell 206L/407 – Right side only**

69812, Revision 3 – Standard Low Mounted Basket; Extra-Wide Low Mounted Basket

→ 94612, Revision 0 – Extra-Wide Low Mounted Ski Basket

76612, Revision 0 – High Mounted Ski Basket

#### **Eurocopter AS350/AS355 – left or right**

77612, Revision 1 – Short Basket

69812, Revision 3 – Medium Basket (left and right)

78412, Revision 2 – Long Basket

94012, Revision 0 – Extra Large (ski) Basket

#### **Robinson R44 – left or right**

90612, Revision 0 – Standard Basket (left or right)

#### **Bell 206B – right side only**

80212, Revision 0 – Short Basket

80312, Revision 0 – Medium Basket

81112, Revision 0 – Long Basket

#### **Bell 429 – right or left**

95912, Revision 0 – Standard Basket

#### **Bell Medium – left or right**

75112, Revision 0 – Standard Basket

95512, Revision 0 – Extra Large (ski) Basket

#### **MD600**

82812, Revision 0 – Standard Basket

#### **Options**

→ 70405, Revision 3 – Walkway

70402, Revision 1 – Lid Door

## CARGO BASKET LID FABRICATION

Complete  
(initial or SCA #)

Work Order: 2014-34

Date Open: 25 MAR 2014

1. Rim Assembly – Basket Lid AD00
  - a. Cut and fit  $\frac{3}{4}$ " x 0.035 material to fit rim jig, 45 degree ends.
    - i. 1 or 2 lid prop bushing holes in short tube – refer to drawing
  - b. Record material PO on attached material list.
  - c. Remove writing on tubes with acetone and scotch bright.
2. Weld Rim Assembly AD-05
  - a. Record welding rod PO on attached material list.
3. Inspection AD00
  - a. Rim for complete welds
4. Frame assembly – Lid AD05
  - a. General
    - i. Vent holes shall be #30 (0.129), and located inside the structure wherever possible to allow venting of weld gasses through existing holes (i.e. lid prop bushing)
  - b. Insert rim from step 2 into jig.
  - c. Cut and fit  $\frac{3}{4}$ " x 0.035 material, 21" long, for lid cross members.
  - d. Record material PO on attached material list.
  - e. Remove writing on tubes with acetone and scotch bright.
  - f. Drill vent holes into rim to vent cross members into rim.
  - g. Locate cross members in lid rim. Refer to drawing for spacing of cross members. Clamp cross members with C-clamps to jig.
5. Frame assembly – Lid with optional walkway modification AD06
  - a. Fit cross members to rim in accordance with step 4.
  - b. Attach walkway jig with C-clamps. Ensure correct orientation of rim, refer to drawing.
  - c. Cut  $\frac{1}{2}$ " x 0.035 material for walkway stringers to fit between lid cross members. Record material PO on attached material list.
  - d. Drill vent holes into cross members at walkway stringers.
  - e. Align walkway stringers on walkway jig using cleco clamps near both ends of each stringer, and clamp stringer to jig using a C-clamp in the centre.
6. Weld frame assembly. AD-05
  - a. Record welding rod PO on attached material list.
  - b. Jigs must remain in place for as long as practical during welding.
7. Inspection AD00
  - a. Frame assembly for complete welds.

## CARGO BASKET LID FABRICATION

Complete  
(initial or SCA #)

### 8. Mesh assembly.

Note: 95912 (Bell 429) does not have mesh. Skip to step 10.

- Pull sheet of expanded mesh from stock. Record material PO on attached material list.
- Cut mesh to size for lid.
- Remove surface rust with scotch-brite.
- Ensure lid is prepared for mesh on the correct side.

### 9. Weld mesh to frame assembly per drawing.

- General welding requirements for all lids:
  - Every intersection on all edges.
  - First 5 intersections along cross members, then every second intersection.
- MIG weld both short sides.
- Clamp lid over spacer at centre of lid to pre-tension mesh.
  - $\frac{3}{4}$ " for lids under 76"
  - 1" (check) for lids over 76"
- Weld remainder of mesh as indicated in a.
- Record welding rod PO on attached material list.

### 10. Weld lid components.

- Handle brackets, locate in accordance with drawing.
  - Standard location:  $\frac{1}{4}$ " outside of last cross member on both ends.
  - Record handle bracket WO and welding rod PO on attached material list.
- Lid prop bushing(s).
  - one or two in accordance with drawing.
  - Record lip prop bushing WO and welding rod PO on attached material list.
- Placard bracket. – not installed on 95912 (Bell 429)
  - Locate on cross member to set bracket in centre bay of lid.
  - Record placard bracket WO and welding rod PO on attached material list.

### 11. Clean up

- Grind high spots off mesh welds.
- Tighten mesh using special pliers. Tighten enough to remove "oil canning", where mesh springs in or out.
- Straighten lid using frame attached under welding table. Work carefully, avoid excessive force to prevent kinking rim tubes.
- Drill #9 through lid prop bushing(s). De-burr hole(s).
- Drill for lid bumpers using  $\frac{1}{4}$ " (#3) centre drill.
  - 3 places for lids under 76"
  - 4 places for lids over 76"
- Remove surface rust with scotch-brite pad.

### 12. Final Inspection

To be completed by a different person than the previous steps.

- Basket lid assembly for complete welds, and required minimum mesh weld locations.
- Material lists complete.
- Overall condition and conformity to drawing(s).

## CARGO BASKET LID FABRICATION

Complete  
(initial or SCA #)

Adol

### 13. Powder Coating

- a. Parts are to be powder coated white in accordance with commercial practices.
- b. Record powder coating PO.
- c. Inspect powder coating on receiving.
- d. Tag lid assembly and place into stock in preparation for assembly.



Work Order: 2014-34

## Material Tracking Sheet

1 of 2

Bell 206L / 407

Date Opened: 25 MAR 2014

Extra Wide Ski Basket Lid Fabrication

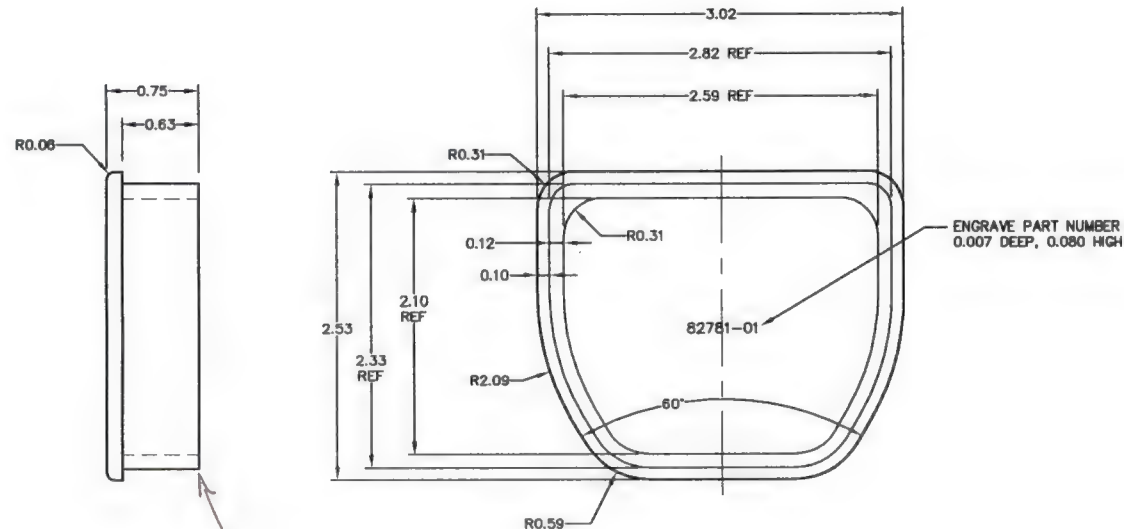
Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
	<u>1</u>		<b>94612-01</b>	<b>Lid Assembly</b>		
<b>Step 1</b>				<i>Rim Assembly</i>		
	. 2		--	3/4" Tube - Long Rim (97.0")	4130 Steel, 3/4" x 0.035 Sqr. Tube	<u>14009</u>
	. 2		--	3/4" Tube - Short Rim (22.5")	4130 Steel, 3/4" x 0.035 Sqr. Tube	<u>14009</u>
<b>Step 2</b>				<i>Weld Rim Assembly</i>		
	. A/R		--	Welding Rod	ER70S-2 TIG Rod	<u>PO# 11122</u>
<b>Step 3</b>				<i>Inspection - Rim</i>	None	
<b>Step 4</b>				<i>Frame Assembly</i>		
	. 4		--	3/4" Tube - Cross Member (21")	4130 Steel, 3/4" x 0.035 Sqr. Tube	<u>12123</u>
<b>Step 5</b>		70405		<i>Option: Frame Assembly - with walkway</i>		
	. 10		--	1/2" Tube - walkway	4130 Steel, 1/2" x 0.035 Sqr. Tube	<u>14009</u>
<b>Step 6</b>				<i>Weld Frame Assembly</i>		
	. A/R		--	Welding Rod	ER70S-2 TIG Rod	<u>PO# 11122</u>
<b>Step 7</b>				<i>Inspection - Frame Assembly</i>	None	
<b>Step 8</b>				<i>Mesh Assembly</i>		
	. 1		--	Mesh (lid - 96" x 22")	3/4-16F Expanded Mild Steel sheet	<u>12130</u>
<b>Step 9</b>				<i>Weld Mesh</i>		
	. A/R		--	Welding Rod	ER70S-6 MIG Wire	<u>PO# 14005</u>

Work Order: 2014-34Date Opened: 25 MAR 2014Material Tracking Sheet  
Bell 206L / 407  
Extra Wide Ski Basket Lid Fabrication

2 of 2

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
<b>Step 10</b>				<i>Weld Lid Components</i>		
	. 1	84262	84262-01	Upper Handle Bracket Assembly		
	. . 4		36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	
	. . 2		36275-02	Support	304 Stainless, 5/16" Rod	} 2014-38
	. A/R		--	Welding Rod	ER308L TIG Rod	
	. 1		49216-01	Spacer (Lid prop)	304 Stainless, 1/2" Dia.	WO# 2014-09
	. A/R		--	Welding Rod	ER308L TIG Rod	PO# 14005
	. 1		36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	WO# 2014-18
	. A/R		--	Welding Rod	ER70S-2 TIG Rod	PO# 14005
<b>Step 11</b>				<i>Clean Up</i>		
<b>Step 12</b>				<i>Inspection - Final Assembly</i>		
<b>Step 13</b>				<i>Powder Coating</i>		

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



change Reg.  
Chamfer

01 CAP

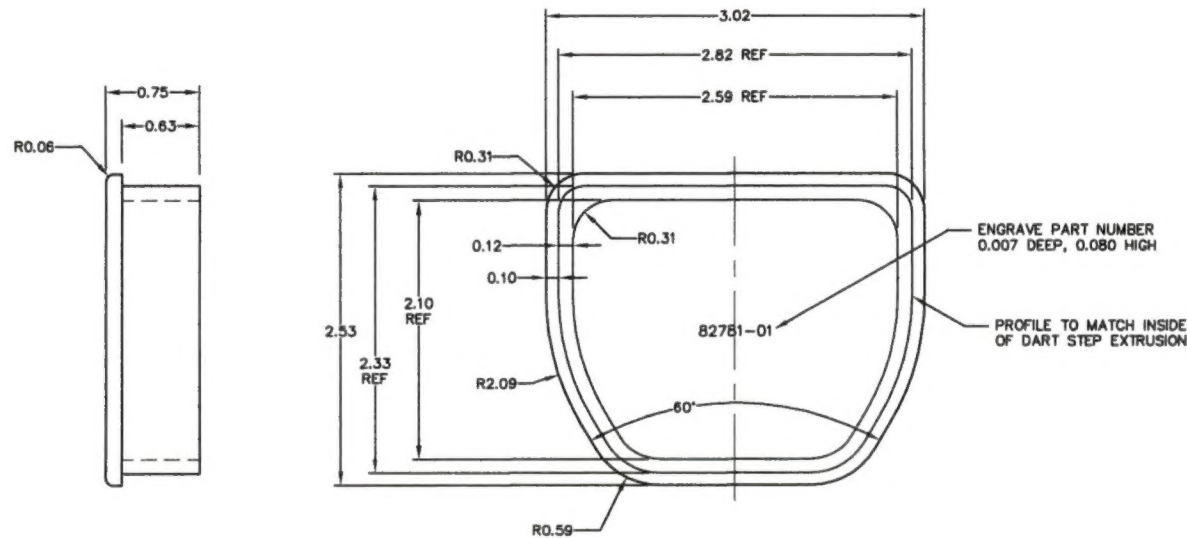
#### NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. THOROUGHLY DEGREASE, ALODINE, EPOXY PRIME AND POLYURETHANE PAINT ALL ALUMINUM PARTS PRIOR TO ASSEMBLY.  
ALTERNATE: THOROUGHLY DEGREASE AND POWDER COAT ALL ALUMINUM PARTS PRIOR TO ASSEMBLY.  
ALTERNATE: ANODIZE ALL ALUMINUM PARTS IN ACCORDANCE WITH MIL-A-8625F, TYPE III.

82781-01 CAP		T-6 ALUMINUM		00-A-200/8	3 X 1 BAR
NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY LIST OF MATERIALS					
APPROVALS		DATE			
DRAWN: JEFF CLARKE		21 JAN 2011			
CHECKED: E. BURGAIN					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		<b>AERO DESIGN LTD.</b> CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 860-9087 fax: (403) 860-8833 www.aerodesign.ca			
DECIMALS		ANGLES			
X.XXX ±0.010		±1/2°			
X.XX ±0.03					
X.X ±0.1					
SCALE 1 : 1		DWG. SIZE		DWG. NO.	REV.
SHEET 1 OF 1		A3		82781	0

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED	BJC	30/07/2014



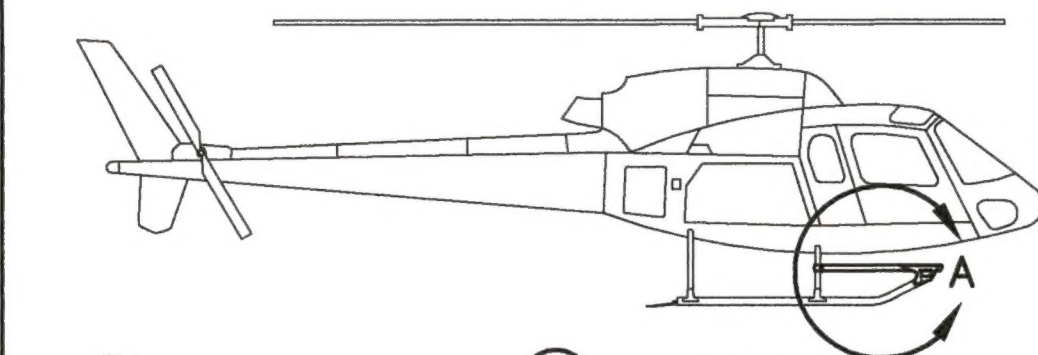
01 CAP

#### NOTES

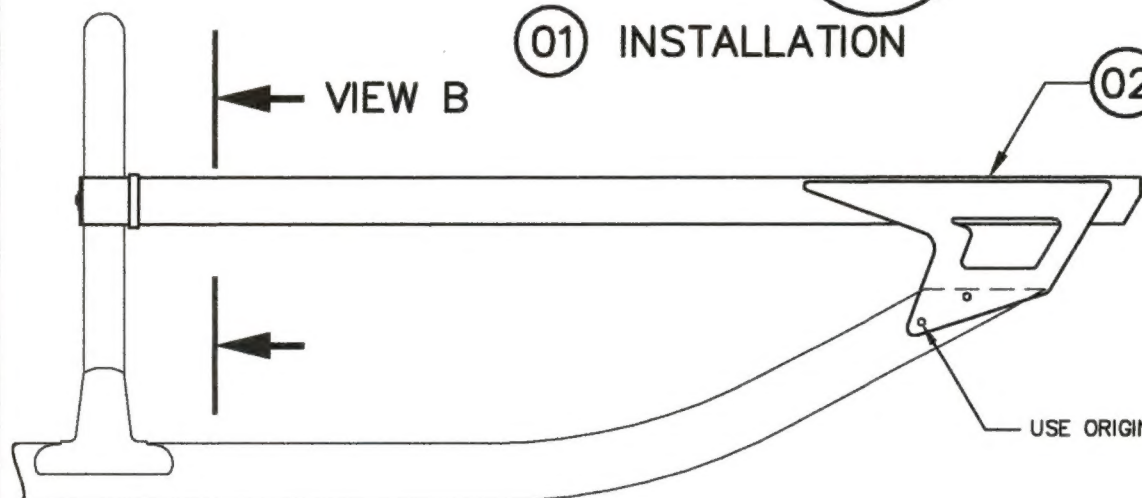
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
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ALTERNATE: THOROUGHLY DEGREASE AND POWDER COAT ALL ALUMINUM PARTS PRIOR TO ASSEMBLY.  
ALTERNATE: ANODIZE ALL ALUMINUM PARTS IN ACCORDANCE WITH MIL-A-8625F, TYPE III.

1	82781-01	01	CAP	6061-T6 ALUMINUM	QQ-A-200/8	3 X 1 BAR					
	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE					
QTY	LIST OF MATERIALS										
<div>NOTICE: THIS DRAWING CONTAINS PROPRIETARY AND PATENTED INFORMATION OF AERO DESIGN LTD. AND IS NOT TO BE REPRODUCED, COPIED, OR DISTRIBUTED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE CONSEQUENCES OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.</div>				APPROVALS			DATE				
				DRAWN: JEFF CLARKE			21 JAN 2011				
				CHECKED: E. BURGAIN							
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1			AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-9087 fax: (403) 250-8333 www.aerodesign.ca				
				EUROCOPTER AS350 / AS355 SERIES DART CABIN STEP MODIFICATION CAP FABRICATION							
SHEET 1 OF 1				SCALE 1 : 1		DWG. SIZE		DWG. NO.		REV.	
				A3		82781		1			



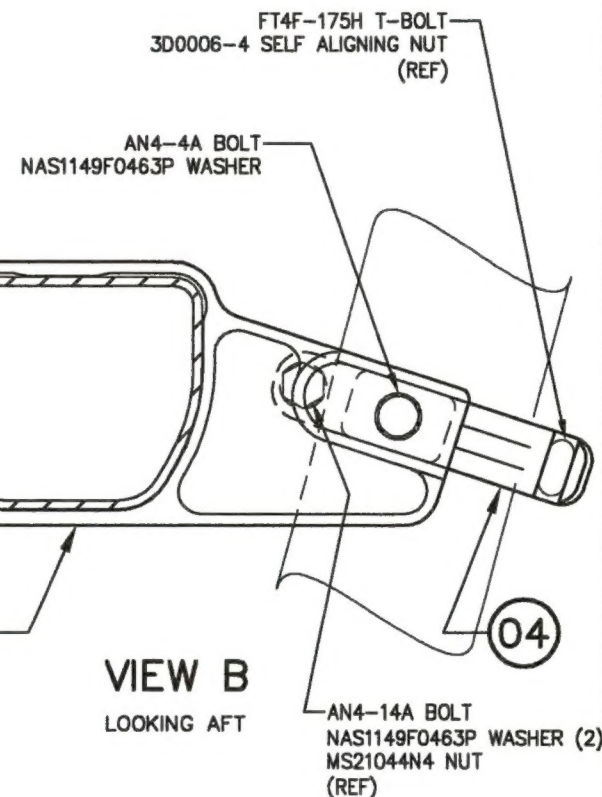


① INSTALLATION



DETAIL A

LOOKING INBOARD AT RIGHT SIDE, LEFT SIDE OPPOSITE



1	NAS1149F0463P	WASHER
1	AN4-4A	BOLT
1	78620-01 04	CLAMP ASSEMBLY
1	82780-01 03	BRACKET
1	82771-10 02	STEP ASSEMBLY (SEE SHT. 2)
1	82771-01 01	INSTALLATION
01	PART NO.	ITEM DESCRIPTION
QTY	LIST OF MATERIALS	

APPROVALS	DATE
DRAWN: JEFF CLARKE	13 JAN 2011
CHECKED: E. BURGOIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

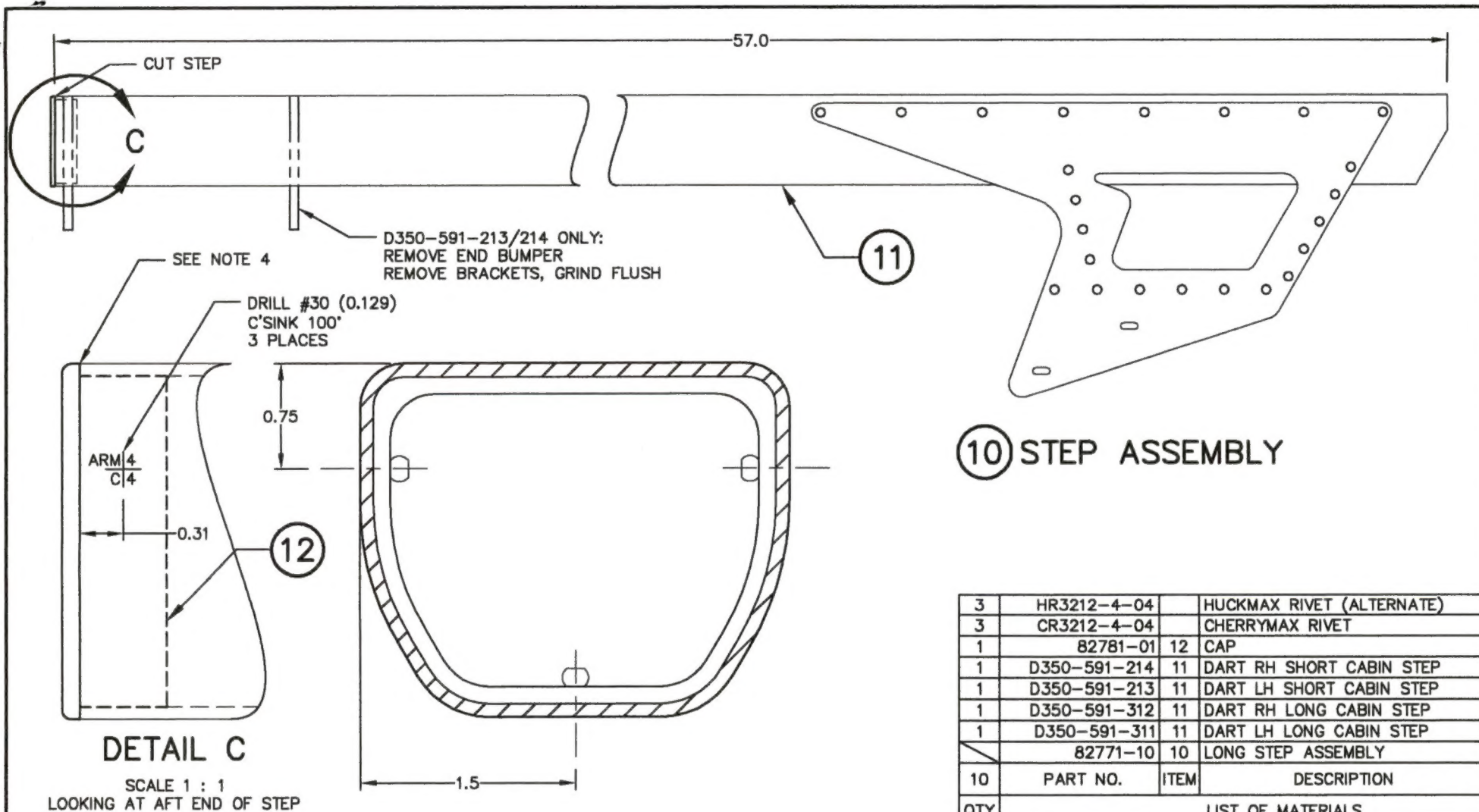


**AERO DESIGN LTD.**

9888A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 www.aerodesign.ca


**EUROCOPTER AS350 & AS355 SERIES  
FIXED CABIN STEP - DART CONVERSION  
LONG STEP INSTALLATION**

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 3	A4	82771	1



## 10 STEP ASSEMBLY

3	HR3212-4-04		HUCKMAX RIVET (ALTERNATE)
3	CR3212-4-04		CHERRYMAX RIVET
1	82781-01	12	CAP
1	D350-591-214	11	DART RH SHORT CABIN STEP
1	D350-591-213	11	DART LH SHORT CABIN STEP
1	D350-591-312	11	DART RH LONG CABIN STEP
1	D350-591-311	11	DART LH LONG CABIN STEP
	82771-10	10	LONG STEP ASSEMBLY
10	PART NO.	ITEM	DESCRIPTION
QTY	LIST OF MATERIALS		

BASIC RIVET CODES SEE NAS 523	DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE	APPROVALS	DATE		AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 804.483.2376 www.aerodesign.ca			
		DRAWN: JEFF CLARKE	13 JAN 2011					
C = COUNTERSUNK D = DIMPLE D# = NUMBER OF SHEETS TO BE DIMPLED	DASH NO. FOR LENGTH	CHECKED: E. BURGOIN		EUROCOPTER AS350 & AS355 SERIES FIXED CABIN STEP – DART CONVERSION LONG STEP INSTALLATION				
BASIC CODES: BJ=MS20470AD * + □ INSTALL NEW RIVET BB=MS20426AD * + □ REMOVE AND REPLACE ARN=CR3213 * + □ ARM=CR3212 * + □ LZ NAS1097AD * + □ EXISTING RIVET		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1						
		NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.		
		SHEET 2 OF 3		A4	82771	1		



